

R17IT7T-OFM1

17" Intel® Core™ i5 (Tiger Lake) Open Frame Panel PC



KEY FEATURES

- Intel® Core™ Tiger Lake UP3 i5-1135G7 (Without vPro) / Intel® Core™ Tiger Lake UP3 i5-1145G7E (With vPro)
- 1280x1024 Resolution
- Multi display supports DP / HDMI / LVDS / eDP panel interface
- Multiple I/Os, 2 x Serial Ports, 4 x USB 3.2 Gen. 1 Ports
- 12V Single Voltage Power Input



OVERVIEW



Resistive Touch/ Optional Protective Glass

For the convenience of the operators in the industrial environment, the Panel PC offers flexible surface options such as cover glass (when touch is not required) and a resistive touch screen to meet different specifications.



Low Power Consumption

This Panel PC is designed for low power consumption and effective heat dissipation, making it durable for long-term usage in production facilities. It is the ultimate energy-efficient solution.



Rear and VESA mounting

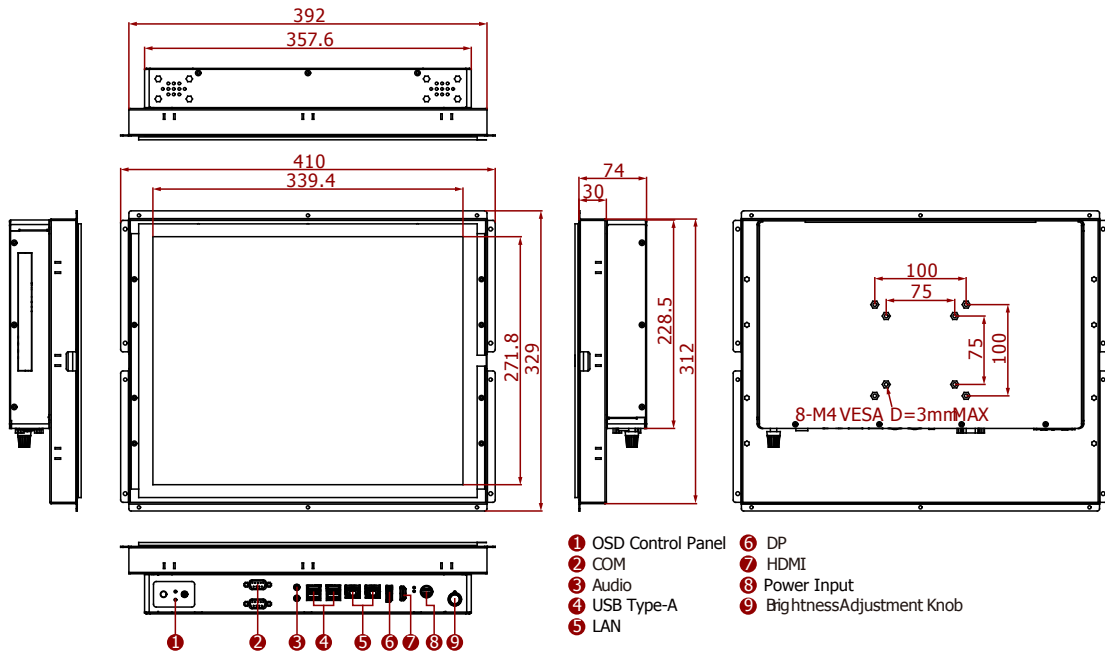
Several mounting solutions such as rear and VESA mounting that users can choose the most suitable mounting options for their application.

SPECIFICATIONS

Display			
Resolution	1280x1024	Size	17.0 inches
Contrast Ratio	1000:1	Panel Brightness	350.0 nits
View Angles	85,85,80,80	Active Area	337.920x270.336 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		
System Specification			
WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional) 2 x SO-DIMM, DDR4 3200 MHz, 4GB (Optional) 8GB (Optional) 16GB (Optional) 32GB (Optional) 64GB (Optional)
Storage	1 x M.2 M-Key 2280 NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller

Security		1 x SATA III for 2.5" SSD/HDD up to 2TB (Optional) TPM 2.0		Operating System		Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)	
Mechanical							
Dimension		410 x 329 x 74 mm		Weight		4.5 kg	
Mounting		Open Frame Panel Mount VESA Mount		Enclosure		Metal Housing	
Cooling System		Fanless design					
Environment							
Operating Humidity		10% to 90% RH, Non-Condensing		Operating Temperature		0°C to 50°C	
Storage Temperature		-10°C to 60°C					
Certification							
Certification		CE, FCC					
IO Ports							
Power Input		1 x 12V DC, Din4 pin connector		USB Port		4 x USB3.2 Gen2x1 (Type-A)	
Serial Port		1 x RS232/422/485 (Default RS232) 1 x RS232		Video		1 x DP1.4 1 x HDMI 2.0 (Optional)	
Audio		Mic in Line out		Expansion Port		1 x M.2 2280 M-Key Slot (for NVME SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module) 1 x PCIe 4.0 (x16) slot (x4 signal)	
LAN		1 x Giga LAN RJ45 Connector 1 x 2.5 Giga LAN RJ45 Connector		Indicator		1 x LED Indicator for power 1 x LED Indicator for storage	
Brightness Knob		1 x Brightness Adjustment Knob					
Control							
Button		1 x Power Button 1 x Reset Button					
Accessory							
Accessory		100~240V AC to DC Adapter Power Cord VESA screws					
Power							
Power Rating		12V DC		Adapter		12V 120W	

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.